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MA797 MP3 Digital Audio/Video Player

**Instruction Manual**

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## Cautions

- Do not subject the device to severe impact or drop it from high position.
- Do not use the player in extreme hot or cold, dusty or damp field. Do not expose it to direct sunshine.
- Excessive sound pressure from earphones and headphones can cause hearing loss.
- At full power, the prolonged listening of the device can damage the ear of the use.
- Avoid using the player in strong magnetic field.
- Keep the device away from water or other liquids. In the event that water or other liquids enter the device, power off the product immediately, and clean the device.
- Do not use chemical solution to clean the device in order to avoid corrosion. Clean it with a dry cloth.
- We are not responsible for the damages or lost data caused by malfunction, misusing, repairing the device or battery replacement.
- Do not attempt to disassemble, repair or modify the product. This will invalidate the guarantee.
- The design of the player or actual display may be different from what is shown in this manual. It should be subject to the actual display or design.

# 1 Key Features

- MP3 & WMA Player
- AVI Video player
- JPEG image viewer
- Folder Navigation
- Voice Recorder
- Removable Storage Device
- Built-in rechargeable lithium-ion battery
- Customized settings

## 2 System Requirements

- Hardware: IBM PC & Compatible PC, Notebook with USB interface
- Operating System:
  -Microsoft Windows SE or later version
  Intel Pentium II 200 MHz or above
  128 MB RAM
  -Mac OSX V 10.0 or later version
  Power PC G5 800MHz or above
  512 MB RAM
  -Linux OS Kernel V2.4.0 or later version
  Intel Pentium II 200MHz or above
  128 MB RAM

- USB Support ,50 MB Free Hard Drive Space
  Installed Mouse, Audio Card, CD-ROM Drive

## 3 Package Content

- Main Unit
- Stereo earphones
- USB cable
- User Manual
- Application CD

## 4 Before Using

4.1 Connect to a PC and download audio files

This player is plug & play for WIN2000/XP/ME/Vista OS. But for Windows98/SE, you are required to install a driver before connection. To connect it with PC for transferring files,

(1) Plug the larger end of the USB cable to the USB port of the PC, and plug the smaller end to the USB port of the player.

(2) When the " " icon appear at the right bottom of the PC screen, double click "My Computer" on the desktop, you see a removable disk which indicates the player. Just use the removable disk as a regular local disk, copying files from or to it.

4.2 Removing the player from the PC safely

For Windows2000/XP/Vista:

(1) Left click the icon at the right hand corner of the taskbar.

(2) Click the pop-up mini-window with message of “Stop the USB Mass Storage Device – Drive (X)”.

(3) When you are prompted to remove the device, pull out the player.

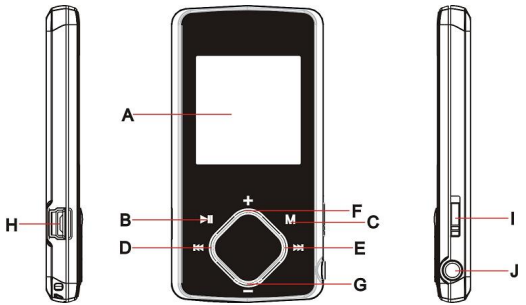
For Win98, please make sure the data transfer is completed before unplugging the MP3 player.

4.3 Charge the battery

The device has a built-in lithium-icon rechargeable battery. It is charged via USB connection. You are required to charge it when you use it for the first time. It takes about 3 hours to fully charge the battery. Connect the larger end of the USB cable to the USB interface of PC, and connect the other smaller end of the USB cable to the USB interface of this player. The device is connected to PC and being charged.

**NOTICE:** *For maximum performance, lithium-ion batteries need to be used often. If you don’t use the device often, be sure to recharge the battery at least once per month.*

# 5 Keys Description




**A. LCD Display**

B. **Play/Pause:** Turn on or turn off the device. Also play or pause audios.

C. **MENU:** Hold for a while to enter the main menu. Briefly press to confirm the selection or enter the folder navigation mode.

D. **Previous:** Play the previous track.

**E. Next:** Play the next track.

**F. VOL+:** Turn up the volume.

**G. VOL-:** Turn down the volume.

**H. USB port**

**I. Power Switch:** Turn on or turn off the power

**J. Earphone Jack**

## 6 Power On/Off

To power on,

(1) Slide the **Power Switch** up to turn on the power.

(2) Press and hold the **PLAY/PAUSE** button until you see prompt on the display.

To power off,

(1) Press and hold the **PLAY/PAUSE** button until you see prompt on the display.

(2) Slide the **Power Switch** down to turn off the power. (Be sure to complete this step for saving battery charge.)

***Note:*** *This player has a power-saving feature which enables the device to power off automatically if it is idle for about 3 minutes.*

## 7 Basic operation

| **Function** | **Operation** |
|---|---|
| Play/Pause | Press the **PLAY/PAUSE** button to play or pause. |
| Adjust Volume | Shortly press the **VOL+/VOL-** button to decrease or increase volume. |
| Previous Track | Shortly press the **PREVIOUS** button. |
| Next Track | Shortly press the **NEXT** button. |

| | |
|---|---|
| Fast Forward | Press and hold the **NEXT** button. |
| Rewind | Press and hold the **PREVIOUS** button. |
| A-B Repeat | To repeat a specified section of a track,<br>(1) During playing, press and hold the **VOL+** button to select the start point of the repeat.<br>(2) Press and hold the **VOL+** button again to select the stop point. The music section between the start point and the stop point is repeated.<br>(3) To stop A-B repeat, press the **VOL+** button. |
| Lock/Unlock buttons | To protect the buttons against being pressed accidentally or to unlock buttons, hold down the MENU button and the VOL- button together. |

## 8 Playing music

8.1 Enter the music mode

Press and hold the **MENU** button to display the main menu. Use the PREVIOUS/NEXT button to select “Music” menu, and press the MENU button to confirm selection. Now you are in the MUSIC mode, refer music playing to the basic operations.

8.2 Folder navigation

To navigate through folders:

(1) In the MUSIC mode, shortly press the **MENU** button to enter folder navigation mode.

(2) Press the **PREVIOUS/NEXT** button to select a folder or track, and press the **MENU** button to confirm selection, or press the **PLAY/PAUSE** button to return.

## 9 Playing Videos

(1) Press and hold the **MENU** button to display the main menu.
(2) Use the **PREVIOUS/NEXT** button to select the “Video” menu, and press the **MENU** button to enter the video player mode.
(3) Press the PREVIOUS/NEXT button to search a video file that you want to play, and press the MENU button to play. For detail information about playing, see the “Basic Operation” section. (Note: During playing, you can shortly press the **MENU** button to enter folder navigation mode.)

***Note:*** *This player can only play AVI videos. For other formats, you need to use the converting tool included on the driver CD to convert them. For detail information about the converter, please refer to Page 21 - Converting Video to AVI format.*

## 10 Viewing photos

To view photos,

(1) Press and hold the **MENU** button to display the main menu.
(2) Select “Photo” and press the MENU button to confirm.
(3) Press the **PREVIOUS/NEXT** button to select a folder or image, and press the **MENU** to confirm.
(4) Select the photo that you want to display and press the **MENU** button to confirm.
(5) In the full screen mode, you can press the **PREVIOUS/NEXT** button to display the previous or the next photo. Press the **PLAY/PAUSE** to start or stop an auto slide show. Press the **MENU** button to enter folder navigation mode.

***Note:*** *Some images may not be displayed. Try to use an image editor (Microsoft-Paint for example) to convert them or save them as JPEG format.*

## 11 Reading E-book

11.1 Reading

(1) Press and hold the **MENU** button to display the main menu.
(2) Select “E-book” and press the **MENU** button to confirm.
(3) Press the PREVIOUS/NEXT button to select a .txt file, and press the **MENU** button to open

the selected file.

(4) Press the PREVIOUS/NEXT button to page up or page down manually, or press the PLAY/PAUSE button to page up or down automatically (by setting the time interval between 1 and 5 in Settings/Auto Slide show/Text).

(5) During reading, you can use the bookmark to mark the page for resuming reading later. For information about bookmark, see “Using bookmark” section.

11.2 Using bookmark

(1) Go to the page that you want to mark.

(2) Briefly press the **VOL+** button to show up a “Save Bookmark” window for saving bookmark.

(3) Press the PREVIOUS/NEXT button to select a bookmark number and press the MENU button to confirm. The bookmark is saved. It starts from the first line of current page.

(4) To read the page that you have marked, shortly press the **VOL-** button to show up the “Load Bookmark” window. Press the PREVIOUS/NEXT button to select a bookmark and press the **MENU** button to confirm. You will be guided to that page.

***Note:*** *Some TXT files may not be read. This may be because its format is not supported. Skip it or reload another file.*

## 12 Browsing all files

To browse all files stored in the player,

(1) Press and hold the **MENU** button to display the main menu.

(2) Select “Explorer”，and press the **MENU** button to enter the browser mode.

(3) Press **PREVIOUS/NEXT** button to select a file that you want to view, and press the **MENU** button to play or display it.

## 13 Voice Recording

- **Record**

(1) Press and hold the MENU button to display the main menu.

(2) Select “Record”，and press the MENU button to enter the recorder mode.

(3) Shortly press the PLAY/PAUSE button to start recording. During recording, you can press the PLAY/PAUSE button to pause or resume recording.

(4) Shortly press the **MENU** button to stop and save recording. Press and hold the MENU button to return to the main menu.

- **Play recordings**

To play the recording,

(1) Select “Explorer” on the main menu to enter the folder navigate mode.

(2) Open the “VOICE” folder, and select the recorded file that you want to play.

## 14 Deleting files

To delete a file,

(1) Select “Explorer” on the main menu to enter the folder navigate mode.
(2) Briefly press the VOL- button to display a dialogue box.
(3) Use the PREVIOUS/NEXT button to select “YES” and press the MENU button to confirm.

## 15 Customizing Settings

To customize the player settings:

(1) On the main menu, select the “Settings” item and press the **MENU** button to enter the system settings mode.
(2) Press the PREVIOUS/NEXT button to select setting item and press the **MENU** button to confirm or press the **PLAY/PAUSE** button to cancel/return.

| | | |
|---|---|---|
| Music | Repeat mode | Once（Play current track once and then stop） |
| | | Repeat One (Repeat current track) |
| | | Folder Once（Play all audio files in the current folder and stop after playing） |

| | | |
|---|---|---|
| | | Folder Repeat.（Repeat all audio files in the current folder） |
| | | Normal（Play all audio files stored in the player and stop after playing all） |
| | | Repeat All（Repeat all audio files stored in the player） |
| | | Intro（Play the first 10 seconds of every audio file） |
| | Play mode | Order（Play audio files in order） |
| | | Shuffle（Play audio files randomly） |
| | Preset EQ | Normal, 3D, Rock, Pop, Classical, Bass, Jazz, User EQ |
| | User EQ set (User-defined equalizer setting) | (1) Press the PREVIOUS/NEXT button to switch EQ column.<br>(2) Press the VOL+/VOL- button to adjust the value of the selected column.<br>(3) Repeat pressing the NEXT button until the "☒" icon at the bottom right corner is selected,, and then press the MENU button to confirm.<br>(4) Go to the "Preset EQ" menu, and select "User EQ" to enable the equalizer setting. |
| Record | REC Quality | High Quality, General Quality |
| | REC Volume | +1、+2、+3、+4、+5 |
| Auto Slide Show | Text Browse (Set interval between the previous and the next page when the device is in auto page up/down mode.) | |

| | | |
|---|---|---|
| | Photo Browse (Set interval between the previous and the next slide in auto slide show mode.) | |
| Display | Backlight | 5 seconds, 10 seconds, 15 seconds, 20 seconds, 30 seconds, Always On. |
| | Brightness (Set the brightness of the screen) | |
| | Backlight mode | Normal<br>Power Save (Turn off the screen when there is no activity within a certain time) |
| System | About - Information about the product | |
| | Upgrade - Upgrade the firmware | |
| | Load Default - Restore the player to default setting | |
| Sleep Timer (Set the continuous playing time before the player is turned off automatically.) | Off, 10 minutes, 15minutes, 30 minutes, 60 minutes, 120 minutes | |
| Language | Simplified Chinese, Traditional Chinese, English, Korean, Japanese, Spanish, French, | |

| | |
|---|---|
| ( Select language in which the on-screen text is displayed) | German, Italian, Portuguese, Russian, etc. |

## 16. Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| The LCD displays nothing when the device is started. | Battery is too low. | Charge the battery. |
| No sound when playing an audio file. | The volume is too low. | Adjust the volume. |
| | Bad audio file. | Delete or skip the file. |
| The player cannot be connected to the PC. | The USB interface is not supported by PC's motherboard. | Update or replace the PC's motherboard. |

| | | |
|---|---|---|
| The displayed time is changing constantly. | The bit rate of the MP3 file is changing during playback. | Try to use fixed bit rate to compress the MP3 file. |
| The PC has error when you plug and unplug the player. | The player is disconnected from the PC abruptly while transferring files. | Do not disconnect the player from the PC when transferring files. |
| Total memory displayed on the player is not in accordance with the marked amount. | Part of memory is used to store programs and display characters. | |
| Some of the MP3 files cannot be played properly. | The MP3 files are compressed by a standard, such as MPEG I Layer 1 or Layer 2 that the player does not support. | 1. Delete the unsupported MP3 files.<br>2. Use MPEG I Layer 3 standard to compress the unsupported MP3 files. |
| The video cannot be played. | The file format is not supported. | Make sure the video is in AVI format. If not, use the provided converting tool to convert it. |
| | The video data is corrupted. | Skip it or reload another file |

| | | |
|---|---|---|
| The photo cannot be displayed | The file format is not supported. | Try to use an image editor to convert it or save it as another file. |
| | The image resolution is beyond limitation of the device. | The device supports a maximum resolution of 2048 X 2048. Make sure resolution of the image does not excess this limitation. |
| The TXT file cannot be read | The file format is not supported. | Skip it or reload another file. |

## 17. Converting Video To AVI format

**Note: Before installing the AVI converter, make sure that the Windows OS is installed with DirectX9.0 or above.**

Before you download videos to the device, make sure they are AVI files and can be played by the device. If not, convert them using the included converting tool on the driver CD. The following steps show how to convert:

### 1) Install the AVI Converter

(1) Place the included CD on the CD-ROM tray of a computer.

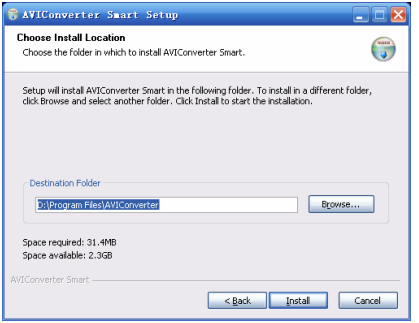
(2) Double click the “AVI converter” folder.

(3) Run “AVI Converter CHN – EN setup.exe” to show up the following window.

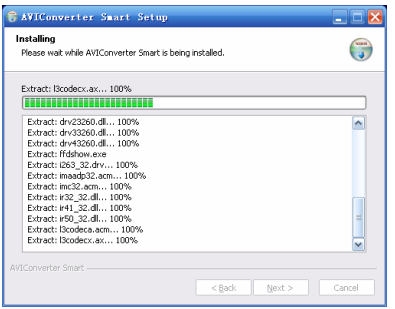
AVIConverter Smart Setup
Welcome to the AVIConverter Smart Setup Wizard
This wizard will guide you through the installation of AVIConverter Smart.
It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your computer.
Click Next to continue.
Next >
Cancel

(4) Select an installation interface language.

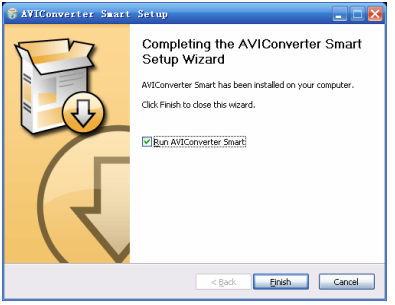
(5) Click “Next” to continue. Browse to a destination for the installation.


AVIConverter Smart Setup
Choose Install Location
Choose the folder in which to install AVIConverter Smart.
Setup will install AVIConverter Smart in the following folder. To install in a different folder, click Browse and select another folder. Click Install to start the installation.
Destination Folder
D:\Program Files\AVIConverter
Browse...
Space required: 31.4MB
Space available: 2.3GB
AVIConverter Smart
< Back
Install
Cancel

(6) Click “Install” to start installation.

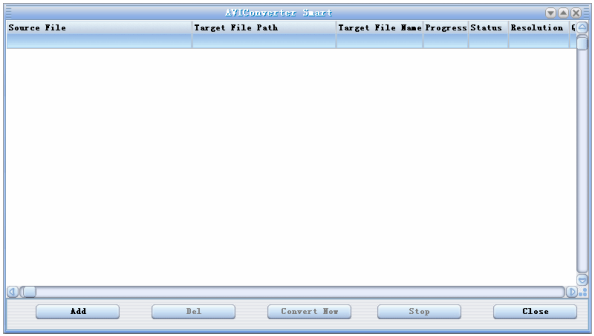


(7) Wait for the installation to be completed before you see the following window. Click “Finish” to finish installation.




**2) Use the AVI converter**

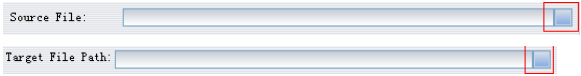
(1) Select “Program files” → “AVI Converter” on the Start menu to see the following window.



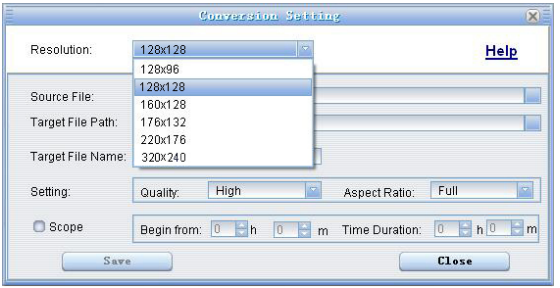

(2) Click button to display “Conversion Setting” window.



(3) For the “Source File” field, specify the file that you want to convert by clicking the button on the right. For the “Target File Path” field, specify the destination where the converted file is saved.




(4) Be sure to select the correct resolution - 128x128 to match your player’s screen, otherwise the conversion may fail.

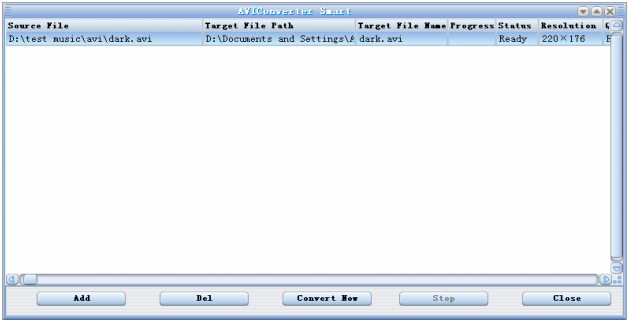



(5) Set the conversion quality in the Quality field and display mode in the Aspect Ratio filed.

(6) Click “Save” to save your setting. To convert another file, repeat the steps above.

(7) Click “close” button to close the setting window.

(8) Click “Convert Now” to start converting.




(9) Click “Finish” after the converting is finished.

## 18. Technical Specifications

| Item | Specification |
|---|---|
| Capacity | 128MB or above |
| Battery Type | Rechargeable Lithium Battery |
| Battery Life | 8 – 10 hours |
| LCD Display | 1.5-inch CSTN screen |
| Earphone Power | 5mW+5Mw |
| Video Format | AVI (XviD) |
| Audio Format | MP3, WMA |
| Photo Format | JPEG |
| Image Resolution | 2048 X 2048 (Max.) |
| Bit Rate | MP3: 8-320kbps; WMA: 64-384kbps |
| SNR | ＞90dB |
| USB Port | USB2.0 |
| Operational Temperature | 0℃ ~ +55℃ |
| Storage Temperature | -20℃ ~ +55℃ |
| Operational Relative Humidity * | 20% ~ 90% (40℃) |
| Storage Relative Humidity * | 20% ~ 93% (40℃) |

## 19. Notice

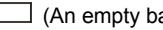
- Make sure all keys are enabled before operation. If they are locked, hold down the MENU and VOL- button to unlock them.
- Please charge the battery immediately when the display indicates low battery, or the device will be powered off automatically.
- Please disconnect the player from PC properly to avoid data loss.
- The transfer rate displayed on the PC may be different depending on the operating system. Exact transfer rate should be subject to the player's indication.

## 20. Listening Cautions

- Do not play your earphones or headphones at a high volume. Hearing experts advise against continuous extended play.
- If you experience a ringing in your ears, reduce volume or discontinue use.
- Do not use while operating a motorized vehicle. It may create a traffic hazard and is illegal in many areas.
- You should use extreme caution or temporarily discontinue use in potentially hazardous situations.
- Even if your headphones or earphones are the open-air type designed to let you hear outside sounds, don’t turn up the volume so high that you can’t hear what’s around you.

- Sound can be deceiving. Over time your hearing “comfort level” adapts to higher volumes of sound. So what sounds “normal” can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.
  To establish a safe level:
  a. Start your volume control at a low setting.
  b. Slowly increase the sound until you can hear it comfortably and clearly, and without distortion. Once you have established a comfortable sound level, leave it there.

## 21. Precautions

1). When not using the player for an extended period of time, please charge the battery at least once per month to extend the battery life.
2). Do not use the player in extremely hot, cold, dusty or damp environments.
3). Make sure the keys are unlocked before using the player (otherwise controls will not function).
4). Avoid dropping or striking the unit .This may cause external and internal physical damage to the player.
5). Charge the battery if:
  a) The battery level icon displays  (An empty battery)
  b) The player powers off automatically and off again when restarted.
  c) No response when pressing keys with keys unlocked and battery installed
6).To prevent damage from static shock, never use the player in very dry conditions.

7). When player is being formatted or transferring a file, do not interrupt the connection. Otherwise, data may be corrupt of lost.
8). When the player is used as a portable HD, please use only per instructions. Otherwise, permanent data loss could occur.

**FCC Caution:** this equipment has been tested and found to comply with the limits for Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

·Reorient or relocate the receiving antenna.

·Increase the separation between the equipment and receiver.

·Connect the equipment into an outlet on a circuit different from that to Which the receiver is connected.

·Consult the dealer or an experienced radio/TV technician for help.

**FCC Compliance:**

·To assure continued compliance, follow the attached installation instructions.

·Use only the provided shield interface cables when connecting to computer.

Any unauthorized changes or modifications to this equipment would void the user's authority to operate this device.

This device complies with part 15 subpart B of the FCC Rules. Operation is subjected to the following conditions:(1)This device may not cause harmful interference, and(2)This device must accept any interference received, including interference that may cause undesired operation.

This product may receive radio interference caused by mobile telephones or other products during operation. If such interference is apparent, please increase separation between the product and the mobile telephone or other product.

Industry Canada Requirement:

This Class B apparatus complies with Canadian ICES-003.

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